

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"536828".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:42
S2	1588	257/706.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:46
S3	768	257/796.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:47
S4	7	("20020179945" "20030132530" "20040089934")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:17
S5	2	"6998707".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:35
S6	2765	438/124,126,127.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:36
S7	0	256/707.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:47
S8	1025	257/707.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:58

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S9	899	257/687.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 19:21
S10	301	S9 and (heat near2 (conduct\$3 dissipat\$3 sink slug radiat\$3 spreader))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 19:22
S11	14	("5130889"   "5455457"   "5880524"   "6029343"   "6084297"   "6087682"   "6146921"   "6163458").PN. OR ("6535388"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 13:35
S12	14	("5130889"   "5455457"   "5880524"   "6029343"   "6084297"   "6087682"   "6146921"   "6163458").PN. OR ("6535388"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 13:52
S13	9	("5409863"   "5706171"   "5770478"   "5825087"   "5891755"   "5990418"   "6376907"   "6426565"   "6535388").PN. OR ("6965171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 13:52
S14	18	("20020185748"   "20030183909"   "4801998"   "5518660"   "5796582"   "5909056"   "6278182"   "6282096"   "6317326"   "6369380"   "6392890"   "6407461"   "6515360"   "6535388"   "6549407"   "6603183"   "6654248").PN. OR ("6891259").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 13:54
S15	24	("5877552"   "5977626").PN. OR ("6163458").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 14:00

## EAST Search History

S16	104	( "20010045644"   "20020053731"   "20020072214"   "20020096767"   "20020098617"   "20020180040"   "20030138613"   "3790866"   "4611238"   "5045921"   "5065281"   "5173766"   "5208504"   "5216278"   "5285352"   "5291062"   "5294826"   "5366589"   "5394009"   "5397917"   "5397921"   "5409865"   "5433631"   "5438216"   "5474957"   "5490324"   "5534467"   "5541450"   "5552635"   "5572405"   "5578869"   "5583377"   "5583378"   "5642261"   "5648679"   "5650659"   "5691567"   "5717252"   "5736785"   "5796170"   "5798909"   "5801432"   "5835355"   "5843808"   "5844168"   "5856911"   "5866949"   "5883430"   "5889324"   "5894410"   "5901041"   "5903052"   "5905633"   "5907903"   "5920117"   "5949137"   "5953589"   "5972734"   "5977626"   "5986340"   "5986885"   "5998241"   "5999415"   "6002147"   "6002169"   "6011304"   "6011694"   "6020637"   "6028358"   "6057601"   "6060777"   "6069407"   "6077724"   "6084297"   "6084777"   "6114761"   "6117797"   "6122171"   "6133064"   "6140707"   "6160705"   "6162659"   "6163458"   "6166434"   "6184580"   "6212070"   "6242279"   "6246111"   "6288444"   "6313521"   "6347037"   "6362525"   "6369455"   "6380623"   "6462274"   "6472741"   "6525942"   "6528892"   "6541832"   "6545351"   "6552266"   "6552428"   "6563712"   "6583516").PN. OR ("6853070"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 14:19
S17	50	( "5397917"   "5583378"   "5724230"   "5726493"   "5796038"   "5854511"   "5866943"   "5886408"   "5909056"   "5926371"   "6020637"   "6046499").PN. OR ("6184580").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 15:24
S18	337	257/790.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 15:25

## EAST Search History

S19	86	S18 and (heat near2 (conduct\$3 dissipat\$3 sink slug radiat\$3 spreader))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 16:23
S20	35	(US-20060055027-\$ or US-20040089934-\$ or US-20030132530-\$ or US-20020140067-\$ or US-20020190397-\$ or US-20030025215-\$ or US-20030092205-\$ or US-20010045644-\$).did. or (US-7042086-\$ or US-6998707-\$ or US-6559525-\$ or US-6163458-\$ or US-6146921-\$ or US-6087682-\$ or US-6029343-\$ or US-5455457-\$ or US-6515360-\$ or US-4801998-\$ or US-6853070-\$ or US-6278613-\$ or US-5977626-\$ or US-5877552-\$ or US-6472741-\$ or US-6347037-\$ or US-6184580-\$ or US-6946730-\$ or US-6605779-\$ or US-6091157-\$ or US-5959363-\$ or US-5866953-\$ or US-5793118-\$ or US-6590281-\$ or US-6414385-\$ or US-6535388-\$). did. or (DE-10058446-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/16 18:11
S21	5	S20 and ((wide near band) or (GaN or SiC))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 16:30
S22	1548	(257/678-733.ccls. or 438/102,121, 124-127.ccls.) and ((band near gap) or (wide near band) or GaN or (gallium near nitride) or Sic or (silicon near carbide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 17:17
S23	991	S22 and (heat near2 (conduct\$3 dissipat\$3 sink slug radiat\$3 spreader))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 18:30
S24	289	S23 and ((chip device mosfet LED substrate ic) with ((wide near band) or (band near gap) or (GaN or SiC)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 16:56

## EAST Search History

S32	3	S20 and (chip near silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 16:55
S33	77	S23 and ((chip device ic) with (Si or silicon) with ((wide near band) or (band\$1gap) or (GaN or SiC)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 17:03
S34	5	S20 and ("II-IV" or diamond or GaAsP or GaAlAs or AlGaInN or (gallium near nitride) or GaN)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 17:06
S35	19	S20 and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 17:07
S36	142	(257/678-733.ccls. or 438/102,121, 124-127.ccls.) and (((band near gap) or (wide near bandgap) or GaN or (gallum near nitride)) with (chip device substrate mosfet ic transistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 21:38
S37	7	"127613".ap.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/16 18:17
S38	2	"20010045644"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/16 18:30
S39	2275	257/685-686.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/16 18:30
S40	818	S39 and (heat near2 (conduct\$3 dissipat\$3 sink slug radiat\$3 spreader))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 18:31
S41	38	("4026008"   "5083191"   "5090609"   "5216278"   "5345106").PN. OR ("5793118"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 18:46

## EAST Search History

S42	57	257/687.ccls. and ((heat near2 (conduct\$3 dissipat\$3 sink slug radiat\$3 spreader)) with ((surface portion face top) near3 (chip ic device)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 19:59
S43	58	257/687.ccls. and (fin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 19:59
S44	56	("3305004"   "3377524"   "4235285"   "4323914"   "4481525"   "4607685"   "4716494"   "4764847"   "5003429"   "5057903"   "5089936"   "5172301"   "5175612"   "5182632"   "5208731"   "5227663"   "5230759"   "5280409"   "5304735"   "5311060"   "5329426"   "5384940"   "5386144"   "5386342"   "5397919"   "5455462"   "5521439"   "5525835"   "5548482"   "5552634"   "5552635"   "5596485"   "5610442"   "5615086"   "5619399"   "5621615"   "5625222"   "5642265"   "5691041"   "5786631"   "5789813").PN. OR ("5898571"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 20:05
S45	60	("4141030"   "4340902"   "4396935"   "4587550"   "4771330"   "4887149"   "4890194"   "4965660"   "4994897"   "5012386").PN. OR ("5227663"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/16 20:26
S47	19	S36 and (encapsula\$4 with (resin or glass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 21:38

## EAST Search History

S48	38	(US-20060055027-\$ or US-20040089934-\$ or US-20030132530-\$ or US-20020140067-\$ or US-20020190397-\$ or US-20030025215-\$ or US-20030092205-\$ or US-20010045644-\$).did. or (US-7042086-\$ or US-6998707-\$ or US-6559525-\$ or US-6163458-\$ or US-6146921-\$ or US-6087682-\$ or US-6029343-\$ or US-5455457-\$ or US-6515360-\$ or US-4801998-\$ or US-6853070-\$ or US-6278613-\$ or US-5977626-\$ or US-5877552-\$ or US-6472741-\$ or US-6347037-\$ or US-6184580-\$ or US-6946730-\$ or US-6605779-\$ or US-6091157-\$ or US-5959363-\$ or US-5866953-\$ or US-5793118-\$ or US-6590281-\$ or US-6414385-\$ or US-6535388-\$). did. or (US-5998875-\$ or US-6642617-\$ or US-5227663-\$). did. or (DE-10058446-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/17 11:42
S49	8	S48 and (encapsula\$4 with (resin or glass))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/17 11:44
S50	7	"717227".ap.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/17 13:03
S51	7	"127613".ap.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/17 13:03